

U.S. Patent Application No. 10/047,130

Status of Claims:

1. Original.
2. Original.
3. Original.
4. Original.
5. Original.
6. Original.
7. Cancelled.
8. Cancelled.
9. previously presented
10. Cancelled.

U.S. Patent Application No. 10/047,130

Listing of Claims:

1. (Original) Machinery for applying a cover layer which is at least partially fusible to a length of insulation material comprising:
 - a. conveyor apparatus for transporting the insulation material, said conveyor apparatus including a revolving, heat-conductive belt extending longitudinally planar;
 - b. cover layer feeder apparatus for positioning the cover layer between the belt and the insulation material; and
 - c. heater apparatus proximate to the belt so as to transfer heat through the belt to cause the cover layer to at least partially fuse and adhere to the insulation material.
2. (Original) The machinery set forth in claim 1 wherein said belt is a conveyor belt transporting the insulation material laid atop said belt with said heater apparatus mounted below said belt.
3. (Original) The machinery set forth in claim 2 wherein said heater apparatus is an electrical resistance heater.
4. (Original) The machinery set forth in claim 3 wherein said heater apparatus comprises a plurality of elongate strips of electrical resistance heaters mounted between metal platen strips.
5. (Original) The machinery set forth in claim 4 wherein said strips of electrical resistance heaters are individually connected to temperature controllers for individually setting the temperatures thereof.

U.S. Patent Application No. 10/047,130

6. (Original) Machinery for applying a cover layer which is at least partially fusible to a length of insulation material, comprising:
- a. conveyor apparatus for transporting the insulation material, said conveyor apparatus including upper and lower revolving, heat conductive belts with said insulation material squeezed between the upper and lower belts;
 - b. cover layer feeder apparatus for positioning cover layers on opposite sides of the insulation material and between the upper and lower belts;
 - c. heater apparatus proximate to the upper and lower belts so as to transfer heat through the belts to cause the cover layers to at least partially fuse and adhere to respective upper and lower sides of the insulation material.
7. (Cancelled)
8. (Cancelled)
9. ^{PREVIOUSLY}
~~PRESENTED~~ machine for applying a cover layer to a building insulation batt, comprising:
- a. a conveyor for transporting a continuous insulation batt and having upper and/or lower revolving heat conductive elongate belts which squeeze and transport the insulation batt between them, electrical resistance platen heaters respectively transferring heat through either or both of the upper and/or lower belts;

U.S. Patent Application No. 10/047,130

- b. conveyor layer feeder apparatus feeding heat fusible protective cover layers on top and/or bottom sides of the insulation batt by feeding the layers between respective top and/or bottom surfaces of the batts and the upper/lower belts, the heat transferred through the belts from the resistance platen heaters being sufficient to cause said cover layers to fuse to the upper and/or lower surfaces of the insulation batt and to provide protect upper and/or lower skins to the insulation batt.

10. (Cancelled)